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SPECIAL DATA COLLECTION SYSTEM (SDCS) NTS EVENT 'REDMUD', 08 DE--ETC(U)
MAR 78 M S DAWKINS
UNCLASSIFIED SDCS-ER-76-125

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SPECIAL DATA COLLECTION SYSTEM (SDCS)
NTS Event "REDMUD", 08 December 1976

Michael S. Dawkins

Alexandria Laboratories

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March 1978

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RESULTS
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20. ABSTRACT (Continue on reverse side if necessary and identify by block number)		

SDCS Event Report No. 125

NTS Event "REDMUD", 08 December 1976.

of this The event report contains seismic data from the Special Data Collection System (SDCS), and other sources for the above event. Published epicenter information from seismic observations is provided.

	"P" Arrival	Origin Time	Latitude	Longitude	m_b	M_s
Hagfors	15:01:11.1	14:49:16	36N	121W	5.1	N/A

All SDCS stations were operational during this time period, although only one, RK-ON recorded a useable signal. HN-ME short-period was negative and signals recorded at the NTS stations were clipped. Horizontal channels at RK-ON were rotated.

Long-period at HN-ME and RK-ON (the only two SDCS stations presently recording LP) was negative.

NORSAR data was unrecoverable from the SDAC/VELA Network detection processing system, and NORSAR has not yet resumed the publication of a bulletin.

LASA data was recoverable in both short-period and long-period modes, and positive signals were recorded.

Scaling factors on plots are millimicrons at 1 Hz for SP and 0.04 Hz for LP (not corrected for instrument response).

ACCESSION for				
NTIS	White Section <input checked="" type="checkbox"/>			
DDC	Buff Section <input type="checkbox"/>			
UNANNOUNCED <input type="checkbox"/>				
JUSTIFICATION				
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BY				
DISTRIBUTION/AVAILABILITY POINTS				
Dist.	AVAIL	REF	SP	MAIL
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STATION DESCRIPTION

SITE CODE	LOCATION	SITE COORDINATES			ELEVATION METERS	INSTRUMENTATION SHORT-PERIOD	INSTRUMENTATION LONG-PERIOD
		DEG	MIN	SECS			
HN-ME	Houlton, Maine	46	09	43.0	N	213	KS36000
		067	59	09.0	W		
RK-ON	Red Lake, Ontario	50	50	20.0	N	366	SL210 V SL220 H
		093	40	20.0	W		
OB2NV	Nevada Test Site	37	13	31.0	N		
		116	03	28.0	W		
NT-NV	Nevada Test Site	31	16	33.0	N	18300	N/A
		116	25	06.0	W		
NT2NV	Nevada Test Site	37	15	16.0	N	18300	N/A
		116	18	13.0	W		
LASA	Billings, Montana	46	41	19.0	N	744	HS10 7505A V 8700C H
		106	13	20.0	W		
NORSAR	Kjeller, Norway	60	49	25.4	N	379	HS10 7505A V 8700C H
		010	49	56.5	E		

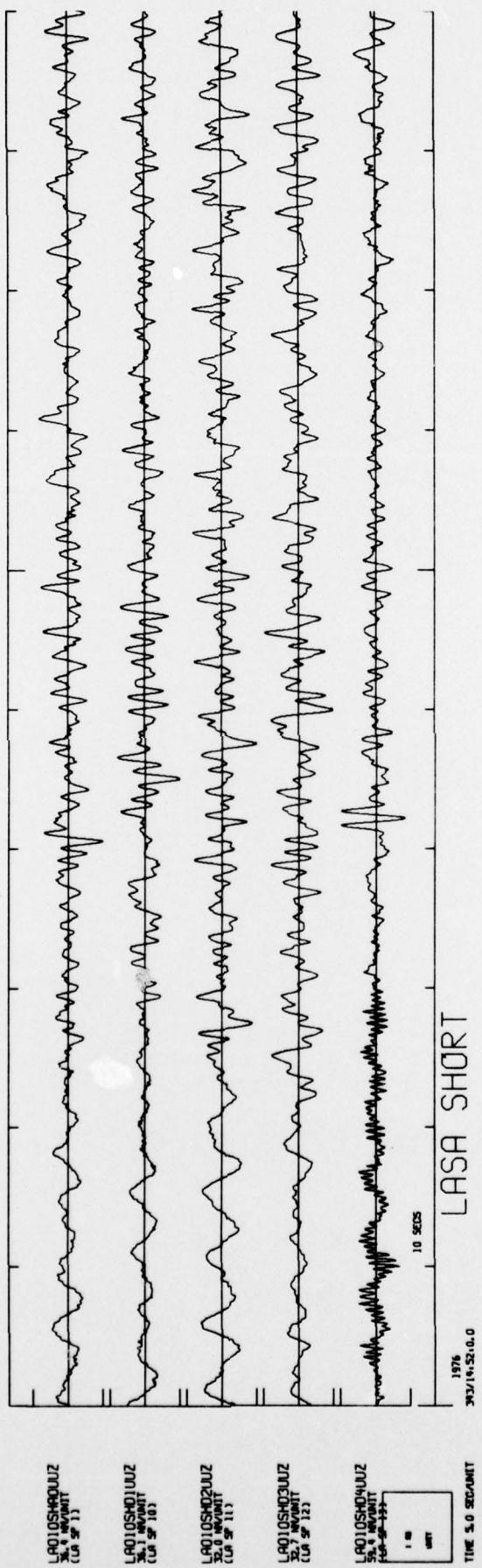
PREDA -- TRAVEL TIME PREDICTIONS --

08DEC INPUT FOR EVENT 8 DEC 76
 14:49:30.0 37.000N 116.000W 0KM.

STA.	TIME	SURF(OKM.)	DIST		EVT-STA	STA-EVT	AZI
		TRAV. TIME	DEG.	KM.				
OB2NV P	14 49 34.3	0:04.3	0.23	25.4909	348.443	168.408		
OB3NV P	14 49 34.4	0:04.4	0.24	26.2509	349.440	169.408		
NT2NV P	14 49 36.4	0:06.4	0.34	37.8929	317.990	137.818		
NT-NV P	14 49 38.1	0:08.1	0.43	48.1569	309.600	129.348		
LAO P	14 52 22.8	2:52.8	12.11	1346.3806	33.872	220.403		
RK-ON P	14 54 15.4	4:45.4	21.10	2346.6204	41.990	237.640		
HN-ME P	14 56 36.8	7:06.8	36.58	4067.1921	60.108	273.026		
NAO P	15 01 02.3	11:32.3	73.31	8151.6133	24.170	318.013		
HFS P	15 01 10.7	11:40.7	74.76	8312.8984	23.524	320.323		

67 HERRIN TRAVEL TIME TABLES

SURF		
0	.	2
0	.	0
0	4.	2
.	.	1
0	0.	0
0	.	0
0	.	0



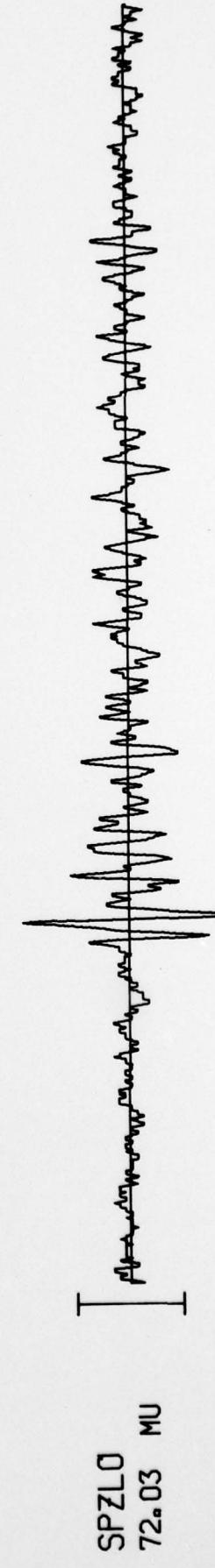
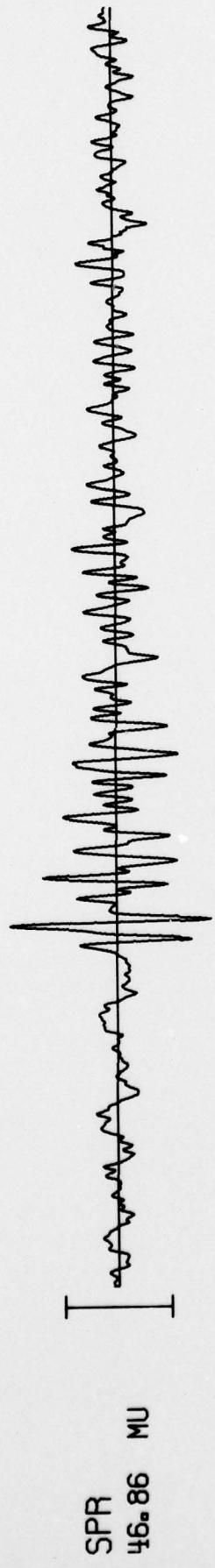
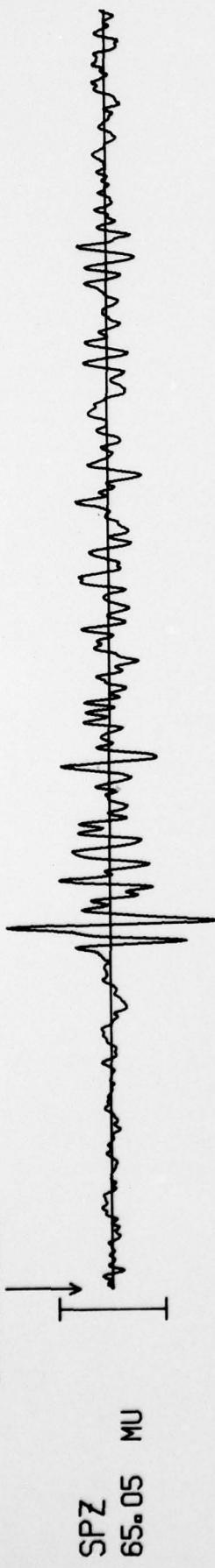
LASA SHORT

PERIOD SUBARRAYS

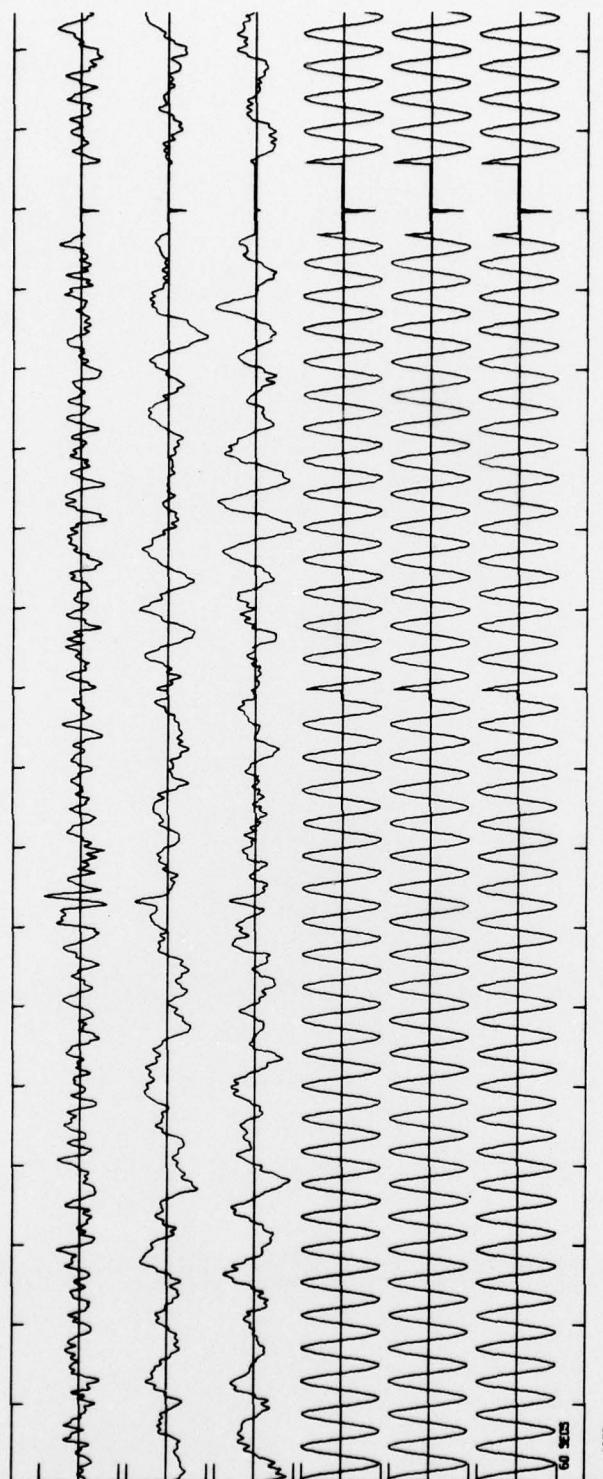
08 DEC 76

RK-ON 08 DEC 76

14:54:00.0



10 SEC

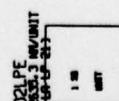


LASA 08 DEC 76

1976

3031413010.0

TIME 60.0 SEC/UNIT



ROLPZ
263.3 MIN/UNIT
(LA LP 11)

ROLPN
263.3 MIN/UNIT
(LA LP 2)

ROLPF
263.3 MIN/UNIT
(LA LP 3)

D2LPZ
263.3 MIN/UNIT
(LA LP 19)

D2LPN
263.3 MIN/UNIT
(LA LP 20)

DCLPF
263.3 MIN/UNIT
(LA LP 27)